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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Romain VIVES, et al.

SERIAL NO.: NEW U.S. PCT APPLICATION

FILED: HERewith

INTERNATIONAL APPLICATION NO.: PCT/FR03/01234

INTERNATIONAL FILING DATE: April 17, 2003

FOR: ANTI-HIV COMPOSITION, METHOD OF PRODUCTION AND MEDICINAL  
PRODUCT

**REQUEST FOR CONSIDERATION OF DOCUMENTS**  
**CITED IN INTERNATIONAL SEARCH REPORT**

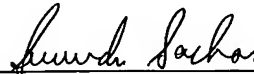
Commissioner for Patents  
Alexandria, Virginia 22313

Sir:

In the matter of the above-identified application for patent, notice is hereby given that applicant(s) request that the Examiner consider the documents cited in the International Search Report according to MPEP §609 and so indicate by a statement in the first Office Action that the information has been considered. When the Form PCT/DO/EO/903 indicates both the search report and copies of the documents are present in the national stage file, there is no requirement for the applicant(s) to submit them (1156 O.G. 91 November 23, 1993).

Respectfully submitted,

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/FR 03/01234

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K38/17 A61K39/42 A61K31/737 A61K31/727 A61P31/18  
//(A61K39/42,31:737,31:727),(A61K38/17,31:737,31:727)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, EMBASE, MEDLINE, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 92 04909 A (ML LAB PLC) 2 April 1992 (1992-04-02) page 5	1-15
A	WITVROUW M ET AL: "SULFATED POLYSACCHARIDES EXTRACTED FROM SEA ALGAE AS POTENTIAL ANTIVIRAL DRUGS" GENERAL PHARMACOLOGY, PERGAMON PRESS, OXFORD, GB, vol. 29, no. 4, 1997, pages 497-511, XP002056013 ISSN: 0306-3623 page 500	1-15
A	EP 0 332 952 A (BASF AG) 20 September 1989 (1989-09-20) page 2; figure 3	1-15

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

25 November 2003

Date of mailing of the international search report

03/12/2003

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## INTERNATIONAL SEARCH REPORT

International Publication No

PCT/FR 03/01234

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 249 390 A (PERT CANDACE B ; RUFF MICHAEL R (US); FARRAR WILLIAM L (US)) 16 December 1987 (1987-12-16) page 3 ----	1-15
A	MOULARD MAXIME ET AL: "Selective interactions of polyanions with basic surfaces on human immunodeficiency virus type 1 gp120." JOURNAL OF VIROLOGY, vol. 74, no. 4, February 2000 (2000-02), pages 1948-1960, XP002226781 ISSN: 0022-538X the whole document ----	1-15
E	WO 02 059146 A (COMMISSARIAT ENERGIE ATOMIQUE ; MARTIN LOIC (FR); VEAS FRANCISCO (F) 1 August 2002 (2002-08-01) claim 1 ----	7
A	SULLIVAN NANCY ET AL: "Determinants of human immunodeficiency virus type 1 envelope glycoprotein activation by soluble CD4 and monoclonal antibodies." JOURNAL OF VIROLOGY, vol. 72, no. 8, August 1998 (1998-08), pages 6332-6338, XP002226782 ISSN: 0022-538X cited in the application page 6333 ----	1-15
A	HARROP HILARY A ET AL: "Heparin specifically inhibits binding of V3 loop antibodies to HIV-1 gp120, an effect potentiated by CD4 binding." AIDS (PHILADELPHIA), vol. 8, no. 2, 1994, pages 183-192, XP002226783 ISSN: 0269-9370 abstract -----	1-15

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Information on patent family members

International Application No

PCT/FR 03/01234

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